



Replacement Sheet
YOR920030261US1
Sheet 1 of 5

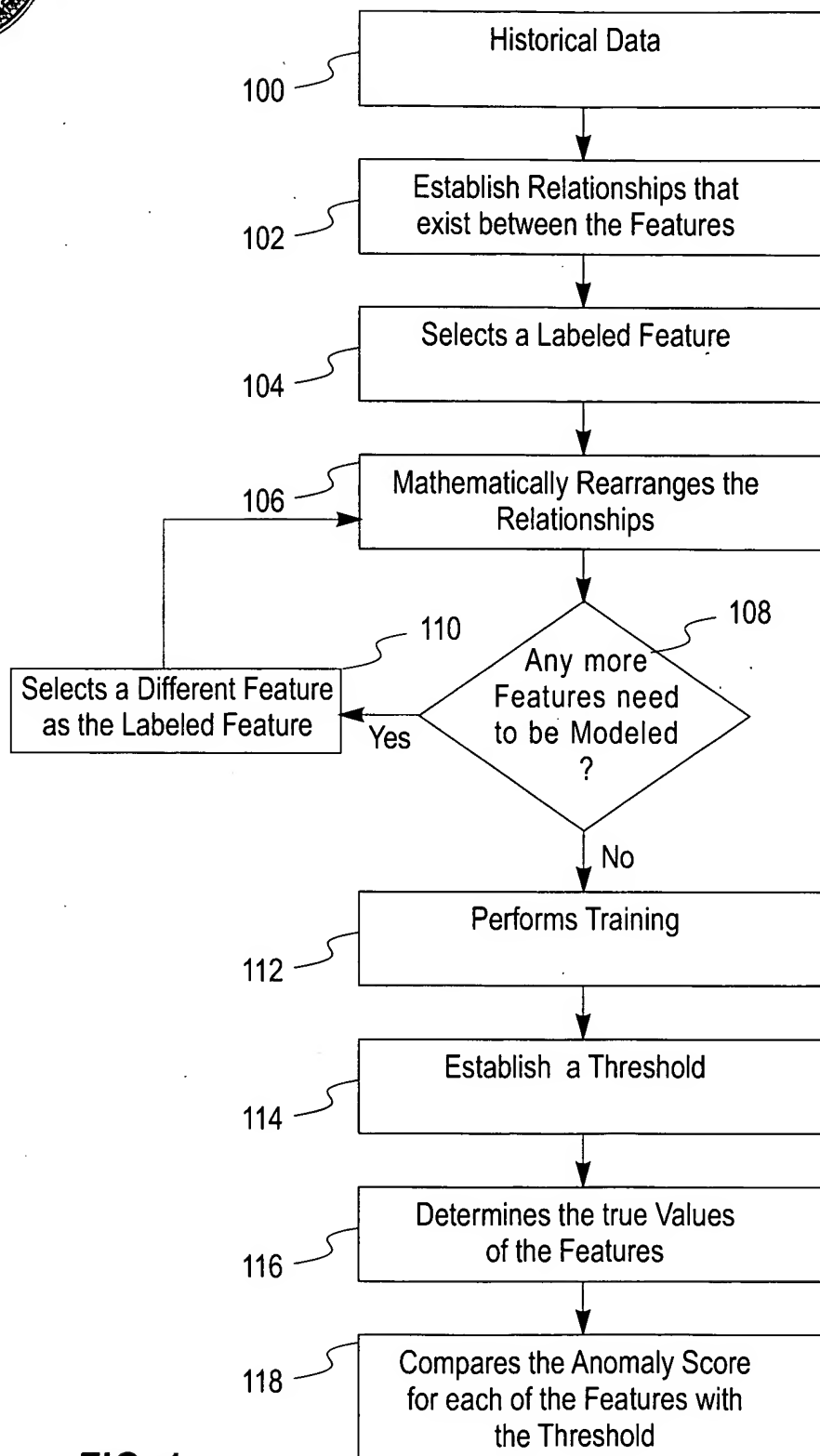


FIG. 1

Replacement Sheet
YOR920030261US1
Sheet 2 of 5

Table 1. Normal events in the 2-node network example

Reachable?	Delivered?	Cached?
True	True	True
True	False	False
False	False	True
False	False	False

FIG. 2

Replacement Sheet
YOR920030261US1
Sheet 3 of 5

Delivered?	Cached?	Reachable?	Probability?
True	True	True	1.0
False	False	True	0.5
False	True	False	1.0
True	False	True	0.5

(a) Sub-model with respect to 'Reachable?'

FIG. 3A

Reachable?	Cached?	Delivered?	Probability?
True	True	True	1.0
True	False	False	1.0
False	True	False	1.0
False	False	False	1.0

(b) Sub-model with respect to 'Delivered?'

FIG. 3B

Reachable?	Delivered?	Cached?	Probability?
True	True	True	1.0
True	False	False	1.0
False	False	True	0.5
False	True	True	0.5

(c) Sub-model with respect to 'Cached?'

FIG. 3C

Replacement Sheet
YOR920030261US1
Sheet 4 of 5

Reachable?	Delivered?	Cached?	Class	AMC	AP
True	True	True	Normal	1	1
True	False	False	Normal	1	0.83
False	False	True	Normal	1	0.83
False	False	False	Normal	0.33	0.67
True	True	False	Abnormal	0.33	0.17
True	False	True	Abnormal	0	0
False	True	True	Abnormal	0.33	0.17
False	True	False	Abnormal	0	0.33

FIG. 4

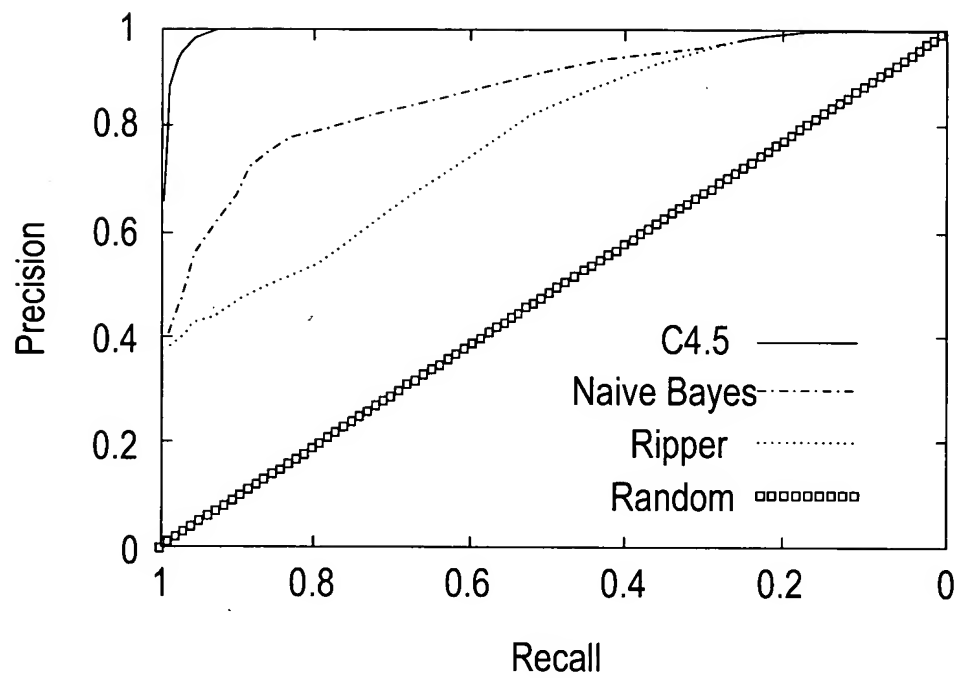


FIG. 5